

ABSTRACT OF THE DISCLOSURE

A telecommunications network includes a mobile phone with an audio-modulated vibrotactile module that responds to a telecommunications signal containing information about incoming speech from a called/calling party, for providing an audio-modulated vibrotactile module force containing information about the incoming speech from the called/calling party to vibrate a user's fingers, facial skin, wrist, cheek or other suitable location. The audio-modulated vibrotactile module has an audio-to-vibrotactile converter that responds to the telecommunications signal, for providing an audio-to-vibrotactile converter signal containing information about a vibration modulation of the incoming speech from the called/calling party. The audio-modulated vibrotactile module also has a vibrotactile actuator that responds to the audio-to-vibrotactile converter signal, for providing the audio-modulated vibrotactile module force in the form of a vibrotactile actuator force. The telecommunications system may also have the audio-to-vibrotactile converter. The vibrotactile actuator may be an electromechanical actuator arranged in the housing of the mobile phone for providing vibration to a user's fingers wrist or facial skin.